

Protein Detail

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TAIR Database

Quick Search

Protein: AT5G67630.1

Date last modified ?

2004-05-05

TAIR Accession ?

AASequence:4012777

External IDs ?

| | | | |
|------------------------|-----|--------------------------|-----------------------------|
| SwissPROT | PIR | GenPept | Similar Proteins in Genbank |
| Q9FJW0 | | 16240788 | NCBI BLink |

Properties

| | |
|-----------------|---------|
| Calculated MW ? | 52097.0 |
| Calculated PI ? | 5.2366 |
| Length (aa) ? | 469 |

Domains ?

| Database | Structural Class Type | Accession | Interpro | Position |
|----------|-------------------------------|-----------|----------------------------------|----------|
| prosite | | PS50150 | RFCdomain | 329-411 |
| pfam | | PF00004 | AAA ATPase centr | 68-412 |
| pfam | | PF06068 | TIP49_C-terminal | 120-433 |
| superfam | Alpha and beta proteins (a/b) | 52540 | | 40-106 |
| superfam | Alpha and beta proteins (a/b) | 52540 | | 270-444 |
| superfam | Alpha and beta proteins (a/b) | 52540 | | 65-231 |

Sequence

Send to WU-BLAST

```
1 MAELKLSESR DLTRVERIGA HSHIRGLGLD SALEPRVAVSE GMVGQVKARK
51 AAGVILQMIR EGKIAGRAIL IAGQPGTGKT AIAMGMAKSL GLETPFAMIA
101 GSEIFSLEMS KTEALTQSFR KAIGVRIKEE TEVIEGEVVE VQIDRPASSG
151 VASKSGKMTM KTTDMETVYD MGAKMIEALN KEKVQSGDVI AIDKATGKIT
201 KLGRSFSRSR DYDAMGAQTK FVQCPEGELO KRKEVVHCVT LHEIDVINSR
251 TQGFLALFTG DTGEIRSEVR EQIDTKVAEW REEGKAEIVP GVLFFIDEVHM
301 LDIECFPSFLN RALENEMSPI LVVATNRGVT TIRGTNQKSP HGIPIDLLDR
351 LLIITTQPYT DDDIRKILEI RCQEEDVMEN EEAQQLTLI GRDTSLRYAI
401 HLITAAALSC QKRKGKVVEV EDIQRVYRLF LDVRRSMQYL VEYQSQYMFS
451 EPIKNDAAAA EDEQDAMQI
```

Associated Genes

| | | |
|-----------------------------|---------------------------|---------------------------------|
| Gene Model ? | Locus ? | seqviewer link |
| AT5G67630.1 | AT5G67630 | Sequence Viewer |

http://www.arabidopsis.org/servlets/TairObject?id=4012777&type=aa_sequence (1 of 2)7/18/2005

PAGE 42/50 * RCVD AT 7/26/2005 1:20:25 PM [Eastern Daylight Time] * SVR:USPTO-EFXRF-6/24 * DNIS:2738300 * CSID:515 334 6883 * DURATION (mm:ss):29:38 Appendix A9

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Protein Detail

External Link

The Arabidopsis Subcellular Proteomics Database
(ASPD)

User Comments ?

(shows only the most recent
comments by default)

Attribution

type

name

date

submitted_by AGI-TIGR 2001-11-30



General comments or questions: curator@arabidopsis.org

Seed or DNA stock questions (donations, availability, orders, etc): abrc@arabidopsis.org